

On the Distribution of Oxygen in Molten Steel
During Refining, by K. Nagami, M. Koga, Y.
Nagano. 1961.

JAPANESE, par, Sumi Met, Vol X, Jan 1958,
pp 1-4.

British Iron and
Steel Inst 1971

Sci - Eng/Met
Jan 59

79,586

* A Measurement of Neutron Slowing-Down Area
in Light Water, by T. ~~Maganuma~~, S. Ogura, M.
Shimizu, H. Aisu, T. Kondo, 9 pp.

JAPANESE.

AEC Tr-4382

Sci - Phys
Apr 61

149,067

A Measurement of Neutron Slowing-Down Area in
a Light Water, by T. Naganuma, S. Oguro, M.
Shimizu, H. Aisu, T. Konds,

JAPANESE.

*AEC

Sci - Phys
8 Mar 61
List 50

On the Measurement of Exhaust Gas Density, by
~~Prof~~ F. Nagao, K. Tanabe.

JAPANESE, Lecture Delivered at the 94th Meeting
of the Japanese Institute of Mechanical
Engineering Kansai Branch 16th March 1939.

NLL M. 3626

Sci - Engr

Aug 62

2.57, 167

Fuel Injection and Combustion in the
Swirl Chamber of a Diesel Engine, by F. Nagao,
H. Kakimoto.

GERMAN, per, Motortechnische Z., 1959,
Esp 303-305.

CAIRO

207,603

Sci - Engr
Jul 62

Thermal Decomposition of Polyacrylonitrile
(Production of Hydrocyanic Acid), by Rideo
Haseo, Mariya Uchida, Koya Yamaguchi,
8 pp.

JAPANESE, par, Kogyo Kagaku Zasshi,
Vol XLIX, No 6, 1956, pp 698-700.

SLA 60-18460

Sci
Vol IV, No 11
Jun 62

199, 248

Thermal Decomposition of Acrylonitrile-
Vinylidene Chloride Co-Polymers, by
Hideo Nagao, Shiroko Uchida, Teruo Yamauchi,
1956
JAPANESE, per, Kagyo Kagaku Zasshi, Vol 59,
1956, pp 465-470
CIA 71-14-30415

Hideo Nagao

Sci - Chem
June 67

125,946

Effects of Added Reagents on the Aqueous Polymeri-
zation of Acrylonitrile. Study With An Electron
Microscope, by H. Nagao, M. Uchida.

JAPANESE, par, J Chem Soc Japan, Ind Chem Sect,
Vol LXXI, No 4, 1978, pp 466-469.

Assoc Tech Serv JJ-1464
" " " 79K24J

Sci - Chem

Apr 79

85,549

NAGATA, Tatem
NAGATA, Ippai

The Effect of various fractions of Typhoid Bacillus
filtrate upon the Yoshida sarcoma. 6-Pages.

Japanese, Gann, XL, Nos. 2,3,4.
1949, 142-144

X-540

Translated at the
National Institutes of Health
Bethesda, Md.

A 83 94

Observation of Generation and Decay of Supersonic
Wave Cavitation, by Junichi Banayoshi, Motoyoshi
Okushima, Nagao Tajiri, 2 pp. UNCLASSIFIED

JAPANESE, rpt, Nihon Nihon Onkyo Gakkaishi Koen Ron-
bunshu, May 1950.

May 2500/REL 786

Sci - Physics
May 60

CIA/RDD X-4095

116,217

Contribution to Improved Combustion in Ante-
Chamber Diesel Engines, by F. Nagas,
Kakinoto.

GERMAN, per, Motortechnische Z., Vol XVIII,
1957, pp 301-306.

CSIRO

Sci - Eng
May 62

196, 615

Report of the Fur Seal Investigation in 1953, by
F. Nagasaki.

JAPANESE, rpt, Report of the Fur Seal Investigation
in 1953, No 2, 1953, pp 157-159.

Fisheries Res Board of Canada
Biol Station
Nanaimo BC B.C.

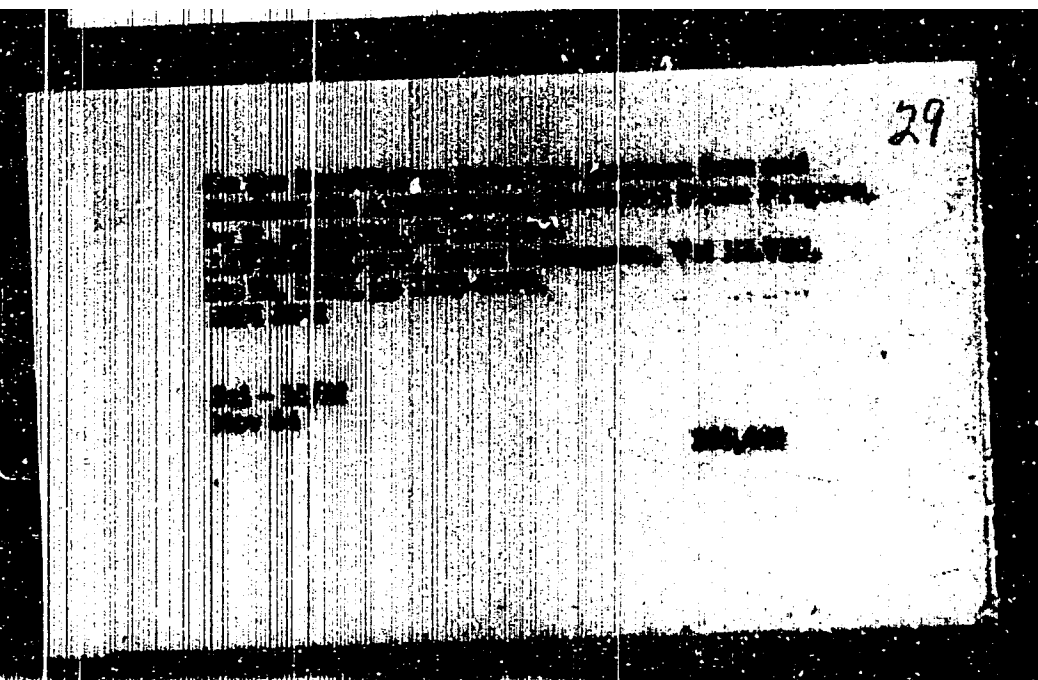
Sci

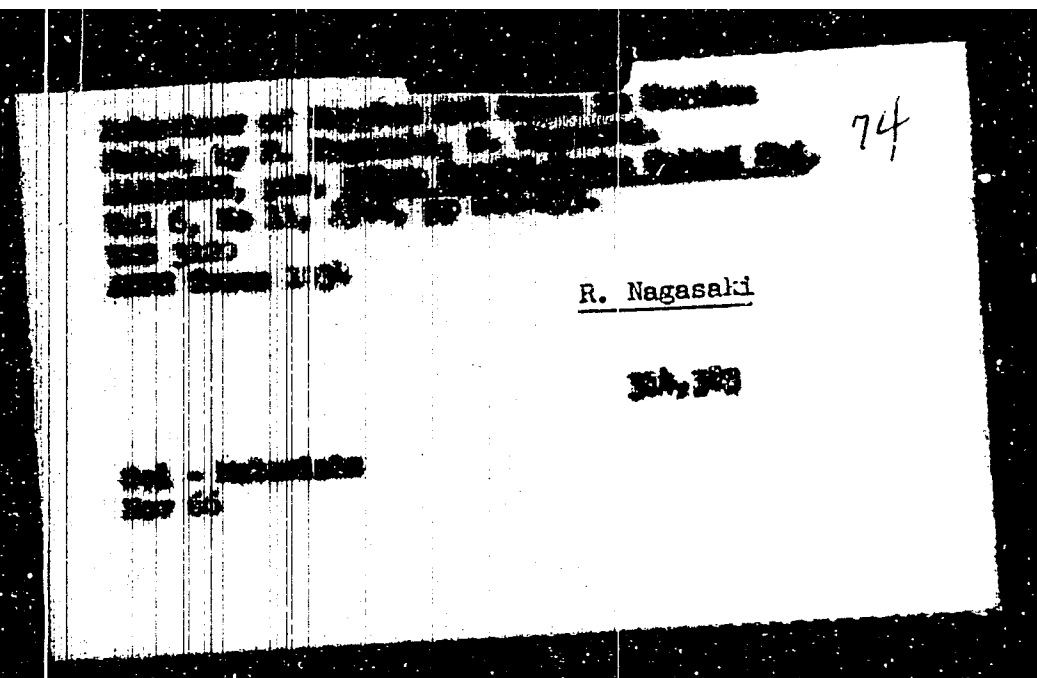
Feb 64

Siliconizing of Brass with Silicon Tetra-
chloride and H_2 , by K. Nagasaki.
JAPANESE, per, J. Japan Inst. Metals, 26
1960, pp. 28-32.
*AES TT 70-57991

Sci/Mater
Aug 70

K. Nagasaki





Nagasaki, Noboru and Miyazaki, Shozo.
ON DECOMPOSITION BY TUNGSTEN. Rept. 1 of
Studies on the Catalytic Decomposition of Ammonia
Gas. [1960] 7p. 4 refs.
Order from: SLA mi\$1.80, ph\$1.80 61-10004

Trans. of [Nihon] Kagaku Zasshi (Japan) 1949, v. 70,
no. 4, p. 134-136.

Decomposition reactions at 700° to 770°C for an initial
gas pressure range of 100 to 200 mm Hg showed that
the velocity is expressed most aptly by the equation of
C. N. Kunsman and L. S. Lamar (Phil. Mag. 7 10
1015, 1930):

$$\frac{1}{\alpha(T)} = \frac{1}{\alpha(T)} + \frac{g(T)}{\alpha(T)} \frac{P_{H_2}^{1/2} M_{NH_3}^{1/2}}{P_{NH_3} M_{H_2}}$$

(See also 61-10002)

(Chemistry--Physical, TT. v. 5, no. 2)

61-10004

1. Ammonia--Decomposition
2. Tungsten--Catalytic properties
1. Nagasaki, N.
- II. Miyazaki, S.
- III. Title: Studies...

Office of Technical Services

Studies on Uranium-Molybdenum Alloy, by Masayuki
Kawasaki, Ryukichi Nagasaki, Motuo Itagaki,
Tatsuya Takemura,

JAPANESE, per, J Atomic Energy Soc Japan, Vol II,
1960, pp 136-140.

AEC Tr-4468

Sci - Min/Met
May 61

150,868

~~REMIK~~ Construction Work of Ise-Iken Beacon Light,
by Sakuji Nagasaki.

JAPANESE, per, Doboku-Gakkaishi, Vol XLVI, No 3,
1961, pp 5-10.

KNIL, Ft Belvoir T-1579

Sai - Engr
May 62

195, 951

Joint Toxic Action of Mixtures of Malathion
with Dimethoate and Dibrom on Adults of the
Common House Fly, *Musca Domestica Vicina*, by
S. Nagasawa, Y. Tsuruoka.

JAPANESE, *par*, Botyu Kagaku, Vol XXVII, No 3, 1962,
pp 78-81.

GE/52

Sci-Biol
July 63

236,310

The Damage of Salmon Eggs and Fry by Predaceous
Fishes, by Toyosuke Mikita, Ariaki Nagasawa.

JAPANESE, per, Scientific Reports Hokkaido Salmon
Hatchery, No 15, 1961, pp 69-83.

Biological Lab
Bur of Commerical Fisheries
Seattle, Washington

Sci Biol

188,324

Mar 62

Organic Phosphorus Insecticide Composition,
by Masao Nagasawa, Takeo Tsuboi, Kan.
Shinohara, Opp.
JAPANESE, Patent 6199/1963, cl. 30-P-372
appl. no. 178/1961, 6 Jan 61, pub. 16 May
63, by Ihara Kogyaku Co., Ltd.
CPSI SA Code-P-312

Masao Nagasawa
323,19.

Sci - Chemistry
Apr 67

Nagasawa, Masao, Yamamoto, Fukutaro, and
Imamiya, Yoji.
AGRICULTURAL FUNGICIDES OR ARSENIC - CON-
TAINING ETHYLENE-BIS-DITHIO-CARBAMATE
SERIES. Feb 64, 10p
Order from SA \$22.00 SA Code-P-235

Trans. of published Japanese patent 7750/1959,
cl. 30-F-37 (30-F-91) appl. 9086/1956, 5 Apr 56,
pub. 3 Sep 59, by Iorihara Agricultural Chemicals
Co., Ltd. (Abstract available)

DESCRIPTORS: *Fungicides, *Arsenic compounds,
*Carbamates, Sulfur compounds, Ethylenes,
Preparation.

The invention relates to agricultural fungicides having
the purposes described in the specification, charac-
terized by having one kind or two or more kinds of
organic arsenic compounds as effective components
(Chemistry--Organic, TT, v. 11, no. 9) (over)

TT-64-12547

- I. Title: Ethylene-bis-
dithiocarbamic acid
arsenic derivatives
- I. Nagasawa, M.
- II. Yamamoto, F.
- III. Imamiya, Y.
- IV. Patent (Japan)
pub. 34-7750
- V. SA-Code-P-235
- VI. Seizaburo Aoki.
Fujisawa (Japan)

Office of Technical Services

Nagasawa, Masatoshi and Taguchi, Taeko.
SHIKIMIC ACID IN FLUE-CURED TOBACCO LEAF.
[1961] 6p. 12 refs.
Order from SLA \$1.20

61-20231

Trans. of [Nihon Seisai Kosha Chuo Kenkyusho
Kenkyu Hokoku] (Japan) 1958, no. 99, p. 8-9.

DESCRIPTORS: *Tobacco, *Plants, *Shikimic acid.

The occurrence of shikimic acid in flue-cured tobacco leaf was confirmed by the results of the qualitative tests. The spectrophotometric analysis indicated its concentration to be approximately 16 mg. per 100 g. of dry material. The experimental results support the view that shikimic acid is an intermediate compound in the formation of chlorogenic acid during flue-curing of tobacco leaf. (Author)

(Agriculture--Plant Cultivation, TT, v. 7, no. 9)

61-20231

I. Nagasawa, M.
II. Taguchi, T.

206055

Office of Technical Services

Study of Tungsten Cathodes which Possess High
Dielectric Constants (Second Report), by Hanyuki
Nagasaki.

JAPANESE, 9th, Radio Engng, Vol 23, 1946,

pp 17-59.

ADN 1-3876

ID 220493607

Hanyuki Nagasaki

Rai-Electronics

Nov 67

343,968

Study of Tungsten Cathodes which Possess High
Piezoelectric Constants (First Report) by Hanyuki
Nagatsuma.

Japanese, Jor, Joriki Kasei, Vol 16, 1968,

pp 13-15.

AD 8-5176

ED 228409557

Hanyuki Nagatsuma

Sci-Electronics

Nov 67

343,987

TT-63-18950

Nagasawa, S. and Funakubo, M.
MICROANALYSIS OF LEAD, ESPECIALLY TETRA-
ETHYL LEAD, IN AIR. [1963] 5p (figs omitted) 1 ref
Order from SLA \$1.10 TT-63-18950

1. Title: Tetraethyl lead
- I. Nagasawa, S.
- II. Funakubo, M.

Trans. of [Nihon Kagaku Zasshi] (Japan) 1948, v. 69,
p. 16-17.

DESCRIPTORS: *Lead, Microanalysis, *Ethyl radicals,
*Lead compounds, Air, Chemical analysis.

(Chemistry--Analytical, TT, v. 11, no. 5)

Office of Technical Services

(FDD 20885)

Dielectric Properties of Oxides of Rare Metals. by
Shigeyuki Nagasawa, 8 pp.

JAPANESE, per, Denki Kagaku, Vol XVIII, Jan 1950.

CIA/FDD/8-6115

FE - Japan

Sci - Physics

Jul 54 CTS

17,236

The Theory of Film Electro-Potential Differences of
High Molecular Films, (Part 2) The Relation Between
the Transfer Rate and Concentration, by M. Nagasawa,
7 pp.

JAPANESE, per, Chem Soc of Japan, Vol LIX, No 3,
pp 45-47.

S.L.A. Tr 506/56

Sci. - Chemistry

36,984

Aug 1956

Compaction of Snow by Static and Kinetic Loads,
by Makoto Nagasawa, 8 pp.

JAPANESE, per, Sappyo, Vol V, 1943, pp 249-256.

CIA D 301883

SLA 2a 2012
OCE Tr 35

Am. Met. Soc. 2-51817RE

Scientific - Geophysics
Engineering

31,169
Feb 56 CTS/DEX

Studies on the "Breeding" of Canned Crab Meat, 61
by Y. Nagasawa.

JAPANESE, per. Memories of the Faculty of
Hokkaido University, Vol VIII, No 2, Dec
1969.

Dept of Interior
Fish and Wildlife Service
MCP, Bureau of Foreign Fisheries

Y. Nagasawa

Sci-
Aug 67

338,672

62-14288

Nagase, K. and Sakaguchi, K.
ADDITION REACTION OF ETHYLENE OXIDE TO
LAURIC ACID. [1962] [18] p. 14 refs.
Order from SLA 51.60 62-14288

I. Nagase, K.
II. Sakaguchi, K.

Trans. of Kyoto Kagaku Zasshi (Japan) 1961, v. 64
[no. 6] p. 1035-1040.

DESCRIPTORS: *Ethylene oxide, Additives, Chemical
reactions, *Fatty acids, Catalysts, Laurates.

Sodium metal was used as the catalyst in the reaction
of ethylene oxide at atmospheric pressure by the
bubbling method, and under pressure in measuring the
rate of addition. The product analyses were done
after extracting the product with ether and determining
the acid value, saponification value and hydroxyl value
of the extract. In both cases the addition curve shows
an inflection point when the average number of moles,
v, of ethylene oxide is one. But the products show dif-
(Chemistry-Physical, TT, v. 8, no. 4) (over)

0222035

Office of Technical Services

Nagase, K. and Sakaguchi, K.
ETHYLENE OXIDE ADDITION REACTIONS TO
LAURYL AMINE. [1962] p. 11 refs.
Order from SLA \$1.60

62-14289

Trans. of Kogyo Kagaku Zasshi (Japan) 1961, v. 64
[no. 6] p. 1031-1034.

DESCRIPTORS: *Ethylene oxide, Catalysts, Chemical
reactions, *Amines, Additives, Polymerization.

The addition of ethylene oxide to lauryl amine can be
divided into two reaction types depending on the kind
of catalyst used. One is the acid catalized reaction
(A.C. type), and the other is the base catalized reac-
tion (B.C. type). When the average number of moles,
v, of ethylene oxide is less than two, both reactions
can be clearly classified into these two types. These
reactions were studied in order to investigate the re-
action mechanism by examining the relationship of the
(Chemistry-Physical, TT, v. 8, no. 3) (over)

62-14289

I. Nagase, K.
II. Sakaguchi, K.

212012

Office of Technical Services

K NAGASE

Studies of Addition Reaction of Ethylene Oxide.
Part VII. By-Products in Addition Reaction of
Ethylene Oxide, by K. Nagase
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 64, 1961,
pp 1199-1203
HTC 71-15514-07C

feb 72

Nagase, K. and Sakaguchi, K.
ADDITION REACTIONS OF ETHYLENE OXIDE
UNDER PRESSURE. [1962] [15] p. 7 refs.
Order from SLA \$1.60 62-14287

Trans. of Kogyo Kagaku Zasshi (Japan) 1961, v. 64
[no. 6] p. 1043-1047.

DESCRIPTORS: *Ethylene oxide, Additives, Chemical
reactions, Pressure, Temperature, Catalysts,
Polymerization, Solubility.

Ethylene oxide was added to lauryl alcohol and nonyl
phenol under pressure (gauge pressure 1.5, 5.0 and
10.0 kg/cm²) at temperatures 100°, 125°, 150° and
175°C and catalyst concentration 0.25 to 2.0 mole
percent. The addition reaction curves, the rates and
the distribution of the degree of polymerization were
investigated. The addition curve is a straight line
corresponding to the reaction time in the case of
(Chemistry--Physical, IT, v. 8, no. 3) (over)

62-14287

I. Nagase, K.
II. Sakaguchi, K.

212011

Office of Technical Services

Investigation Date 29 (2) Aug 50, 10. Organization on
Florida, by Bureau of Investigation, United States DEPT. OF JUSTICE, 22 W.
Washington, 25th. National Archives and Records, Vol. 10,
No. 2, 1949, pp. 10-11. American Historical
Society, 10. 1949.
AND DATE 29-1949

Kaneomi NAGASE

35-811

100-443887-100
 MAY 67

Separation of Polyethylene Glycol from the
Nonionic (Surface) Active Agent by the Method
of Counter-Current Distribution Extraction,
by Kinishiko Hagase, Nahei Sakaguchi, 11 pp.

JAPANESE, per, Kagaku Zasshi, Vol LXIV,
No 4, 1961, pp 635-638.

I SLA 61-20681

Sci
Mar 62
Vol VII, No 3

188, 095

61-10682

Nagase, Kunihiko and Sakaguchi, Kahei.
(DISTRIBUTION) OF PRODUCTS OF ADDITION OF
ETHYLENE OXIDE TO LAURYL ALCOHOL AND
NONYLPHENOL. [1961] [22]p. 67 figs. omitted
16 refs.

Order from SLA \$2.60

61-10652

Trans. of Kogyo Kagaku Zasshi (Japan) 1960, v. 63,
no. 4, p. 588-592.

DESCRIPTORS: *Ethylene oxide, *Alcohols, *Phenols,
Nonyl radicals, Chemical reactions, Statistical
distributions.

I. Nagase, K.
II. Sakaguchi, K.

Office of Technical Services

(Chemistry--Physical, TT, v. 6, no. 1)

Nagase, Shunji.

FLUORINATION OF MALEIC ANHYDRIDE BY
FLUORINE GAS. [1962] 6p. (2 figs. 2 tables
9 Japanese refs. 1 formula omitted) 2 refs.
Order from SLA \$1.10

62-16185

Trans. of Kogyo Kagaku Zasshi (Japan) 1961, v. 64,
no. 8, p. 1400-1403.

DESCRIPTORS: *Maleic anhydride, Fluorination,
*Fluorine, Gases, Jets, Towers (Chemistry).

In the direct fluorination of maleic anhydride with
fluorine by means of an improved jet reactor, per-
fluoropropionyl fluoride was obtained at a fairly high
yield rate through successive operations of the re-
actor. This suggests a new method of perfluoro-
propionyl fluoride production. It became apparent
that the use of said reactor makes maleic anhydride
(Chemistry--Organic, TT, v. 8, no. 9) (over)

62-16185

1. Nagase, S.

0225968

Office of Technical Services

62-16190

Nagase, S. (nunji), Baba, H., and Kojima, R.
PREPARATION OF PERFLUORO CARBOXYLIC
ACIDS BY ELECTROCHEMICAL FLUORINATION OF
UNSATURATED COMPOUNDS. [1962] 8p. (8 tables,
6 refs. omitted) 2 refs.
Order from I.S.A.S. 10

62-16190

Trans. M. Kogyo Kagaku Zasshi (Japan) 1962, v. 65,
no. 1, p. 14-15.

DESCRIPTORS: Carboxylic acids, Acids, *Fluorides,
Synthesis, Electrochemistry, Fluorination, Alcohols,
Esters, Ketones.

Perfluoro carboxylic acids have been obtained by elec-
trochemical fluorination of unsaturated compounds in-
cluding alcohols, esters, and ketones. Good yields of
perfluoro carboxylic acids have been obtained from
esters of unsaturated carboxylic acids just as from
saturated esters. Ethyl acrylate, butyl acrylate, and
(Chemistry--Physical, TT, v. S, no. 9) (over)

I. Nagase, S.
II. Baba, H.
III. Kojima, R.

C225969

Office of Technical Services

Nagase, Shunji, Baba, Hajime, and Kojima, Rimpel.
PREPARATION OF PERFLUOROCARBOXYLIC ACID
FROM KETONES BY ELECTROCHEMICAL
FLUORINATION. [1962] 8p. (5 tables omitted) 10 refs.
Order from SLA \$1.10 62-14642
Original copy poor quality; available on loan also

Trans. of [Kogyo Kagaku Zasshi] (Japan) 1961, v. 64,
no. 12, p. 2126-2128.

DESCRIPTORS: *Electrochemistry, Fluorination,
*Carboxylic acids, *Fluorides, Synthesis, *Ketones.

The yield of perfluorocarboxylic acid obtained from
ketones by the electrochemical fluorination was
excellent. Trifluoroethanoic acids are obtained from
acetone, acetyl acetone and ethyl acetoacetate. The
mixture of trifluoroethanoic and perfluoropropionic
acid were obtained from methyl ethyl ketone and
diethyl ketone. The mixture of perfluoropropionic
(Chemistry--Physics, TT, v. 8, no. 9) (over).

62-14642

I. Nagase, S.
II. Baba, H.
III. Kojima, R.

C225928

Office of Technical Services

62-14874

I. Nagase, T.
II. Kozima, I.

Nagase, T. and Kozima, I.
PREPARATION OF PERFLUOROCARBOXYLIC ACIDS
BY ELECTROCHEMICAL FLUORINATION ALCOHOLS.
[1962] 10p. (2 figs. 2 tables 11 refs. omitted).
Order from SLA \$1.10 62-14874

Trans. of Kogyo Kagaku Zasshi (Japan) 1961, v. 64,
[no. 8] p. 1397-1400.

DESCRIPTORS: *Carboxylic acids, Acetic acids,
Propionic acids, Fluorides, Preparation, *Electro-
chemistry, *Alcohols, Ethanols, Propanols, Butanols,
*Fluorination.

C 227656

Relatively high yields of perfluorocarboxylic acids have
been obtained by electrochemical fluorination of alcohols.
About 30 g. of ethyl alcohol, n-propyl alcohol, isopropyl
alcohol, or n-butyl alcohol was dissolved in 1 l. of
anhydrous hydrogen fluoride, and electrolyzed at various
(Chemistry--Organic, TT, v. 9, no. 4) (over)

Office of Technical Services

Nagashima, Masao, Hide, Ito, Muroyama, Tsutomu,
and Watanabe, Susumu.

NEW RESIN COMPOSITES WITH GOOD HARDENING
PROPERTY. [1963] 10p

Order from OTS or SLA \$1.10

63-18906

Trans. of published Japanese patent 3/ Showa (1962) -
2987 [cl.] 25 H 72 (26 C 111) announced 30 May 62,
appl. no. 34 Showa (1959) - 24730, appl. 4 Aug 59, by
Sanditomo Bakelite Co., Ltd.

DESCRIPTORS: *Amino plastics, *Thermosetting
plastics, *Epoxy plastics, Hardening, Addition
reactions

(Materials—Plastics, TT, v. 10, no. 10)

63-18906

- I. Nagashima, M.
- II. Hide, I.
- III. Muroyama, T.
- IV. Watanabe, S.
- V. Patent (Japan) pub.
37-2987

125-540

Office of Technical Services

Study of the Plastic Deformation of
Single Crystals in Hot Mild Steel,
by H. Nagashima, S. Sekino, et al.
JAPANESE, per, Nippon Kinzoku Gakkaishi,
Vol 27, No 10, 1963, pp 481-485.
#0135 4041

Sci-7/1
May 66

270,436

Nagashima, S.
ELECTROPHOTOENGRAVING METHODS. PT. III.
PHOTOENGRAVING BY ORIFAX (III). [1963] 7p
Order from ATS \$8.45 ATS-66Q72

Trans. of Nihon Insatsu Gakkaei Rombunshu (Japan)
1963, v. 6, no. 11, p. 74-78.

DESCRIPTORS: *Photoengraving, Lithography,
Electrophotography.

(Materials--Photographic, TT, v. 11, no. 7)

TT-64-12192

I. Nagashima, S.
II. Title: Photoengraving...
III. ATS-66Q72
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

...73469

Office of Technical Services

77
Plastic Strain Ratio of Single
Crystals of Low Carbon Steel,
by S. Nagashima, S. Sekino, et al.
JAPANESE, JET, Nippon Kinzoku
Gakkaishi, Vol 27, No 10, 1968,
pp 481-485.
B121 4041

S. Nagashima

PL-0000
SC-0000
JUL 68

282,888

Plastic Strain Ratio of Single Crystals of
Low Carbon Steel, by S. Nagashima.
JAPANESE, per, Nippon Kinzoku, Vol. 27, No. 10
1963, pp 481-485.
GB/11/4041-200/

S. NAGASHIMA

Sci -
Aug 67

335-607

[illegible]

150

K. Nagasima

THE UNIVERSITY OF CHICAGO

1999

Molecular Orientation and Lubrication Power of
Aromatic Compounds, by Nagata, Y. Tomoda.

JAPANESE, part, J. Oye Butsuri, Vol XXI, 1952,
pp 403-408.

INSDOC T 1727

Sci
Apr 59

84,454

63-10323

Nagata, Akira; Nemoto, Yoshio, and Kimura, Wasaburo.
APPLICATION OF AMPHOTERIC SURFACE ACTIVE AGENTS IN TEXTILE INDUSTRY. PT. IV. MEASUREMENT OF THE DRAWING FRICTIONAL COEFFICIENT OF SYNTHETIC FIBERS TREATED WITH AMPHOTERIC SURFACE ACTIVE AGENTS. [1962] 12p. 17 refs.
Order from SLA \$1.60 63-10323

Trans. of Yokagaku (Japan) 1962, v. 11, p. 24-28.

DESCRIPTORS: *Fibers (Synthetic), *Acrylonitrile, *Surface-active substances, Friction, Textiles, Processing.

It was observed that amphoteric were effective as antistatic agents and softeners without affecting dyeing. To investigate the adaptability of ampholytes as (Materials--Textiles, TT, v. 10, no. 2) (over)

- I. Title: Spinning
- I. Nagata, A.
- II. Nemoto, Y.
- III. Kimura, W.
- IV. Title: Measurement ...

Office of Technical Services

Nagata, Kimichi and Kato, Yasuo.

SOME RESULTS OF AN EXPERIMENTAL PITCH

DETECTOR. [1962] 5 p. 1 ref.

Order from SIA \$1.00

62-18083

Trans. of [Nihon Onkyo Gakkaishi] (Japan) 1960, v. 16,
no. 4, p. 277-279.

DESCRIPTORS: *Acoustic detectors, *Pitch discrimination,
Noise analysis, *Auditory signals, Sound,
Wave characteristics.

An instrument has been developed as a part of a
formant vocoder for smoothly detecting wide range
voice pitch frequencies. Speech signals from a con-
ventional telephone are cross-modulated, low-passed,
frequency-inverted, and frequency-analyzed. Analyzed
signals are discriminated separately, and their DC
output voltages are compared in a simple diode added
in order to select the most significant voltage which
(Physics--Acoustics, IT, v. 8, no. 9) (over)

62-18083

I. Nagata, K.

II. Kato, Y.

0026077

Office of Technical Services

Behavior of Hydrogen in Basic Arc Furnace Steel Bath
During Oxidizing Stage, by S. Nagata, et al.

JAPANESE, per, Tetsu to Hagane, Vol XLV, No 9, 1959,
pp 966-967.

ED 5117

Sci

Sep 61

170, 126

A Study of Mixing of Highly Viscous Liquids, by S.
Nagata, M. Yamamoto, T. Yokoyama, 14 pp.

JAPANESE, par, Kagaku Kagaku, Vol XXI, No 5, 1957,
pp 278-286.

Asso Tech Surv
32128J

Sci - Phys
OTS I, 9
Jun 59

RTS-SS-1954

89,536

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